

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
 Data File : BG023887.D
 Acq On : 24 Aug 2016 16:51
 Operator : UM/SJ
 Sample : H4567-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: Aug 24 18:00:43 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

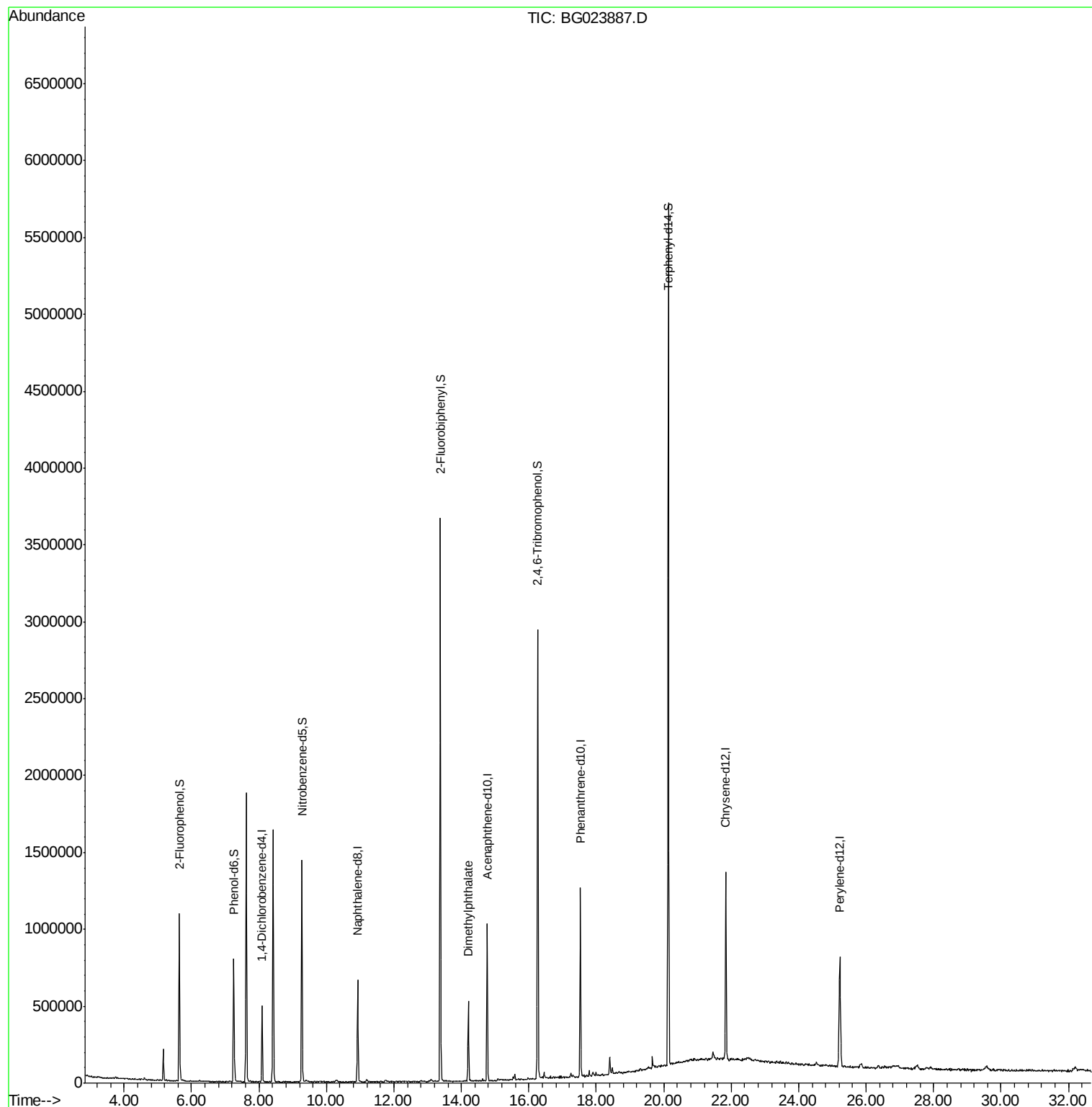
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	134060	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	548165	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	334903	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	729611	20.00	ng	0.00
75) Chrysene-d12	21.84	240	761532	20.00	ng	0.00
86) Perylene-d12	25.22	264	760011	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	480510	60.33	ng	0.00
7) Phenol-d6	7.25	99	470454	37.93	ng	0.00
23) Nitrobenzene-d5	9.27	82	942589	85.49	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	507990	103.70	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1789632	90.13	ng	0.00
78) Terphenyl-d14	20.14	244	2136142	88.59	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.20	163	324501	12.63	ng	99

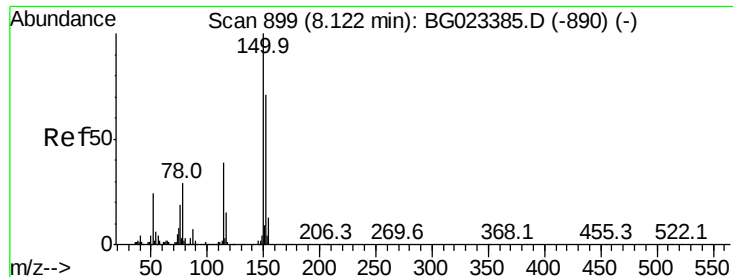
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.01 min

Lab File: BG023887.D

Acq: 24 Aug 2016 16:51

Instrument :

BNA_G

ClientSampleId :

MW-3

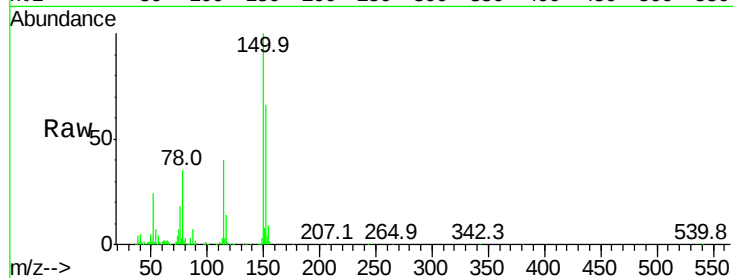
Tot Ion:152 Resp: 134060

Ion Ratio Lower Upper

152 100

150 152.2 144.7 217.1

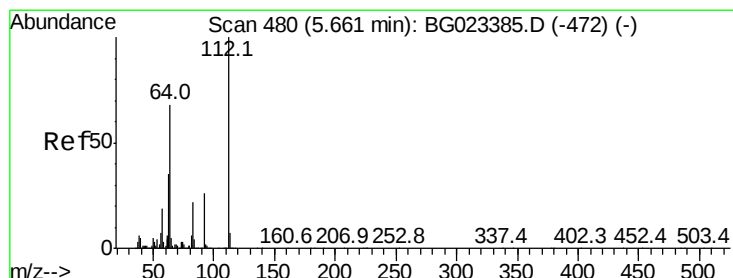
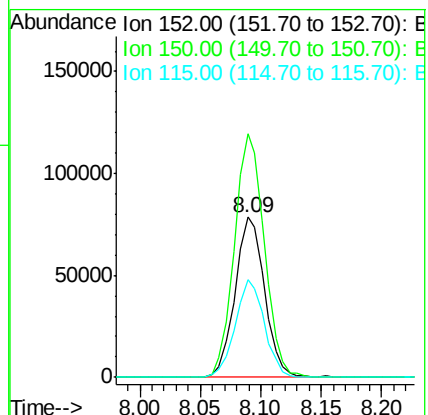
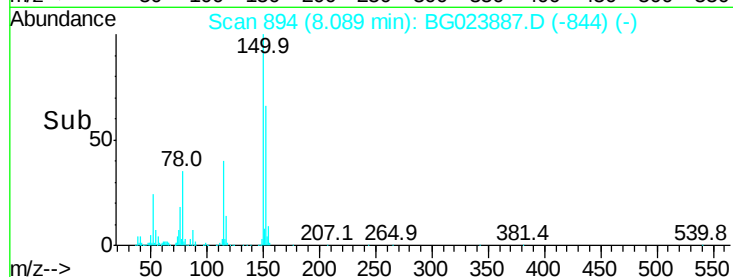
115 61.3 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 60.33 ng

RT: 5.64 min Scan# 477

Delta R.T. 0.00 min

Lab File: BG023887.D

Acq: 24 Aug 2016 16:51

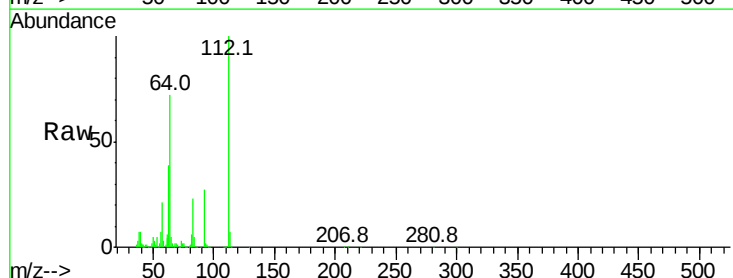
Tgt Ion:112 Resp: 480510

Ion Ratio Lower Upper

112 100

64 71.6 59.0 88.4

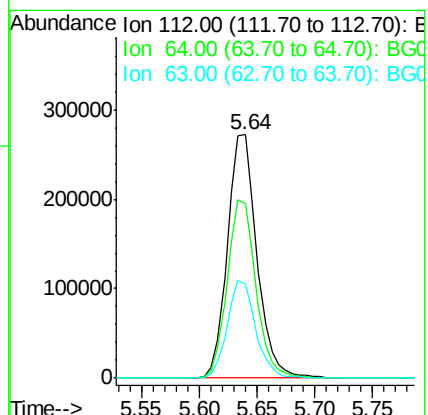
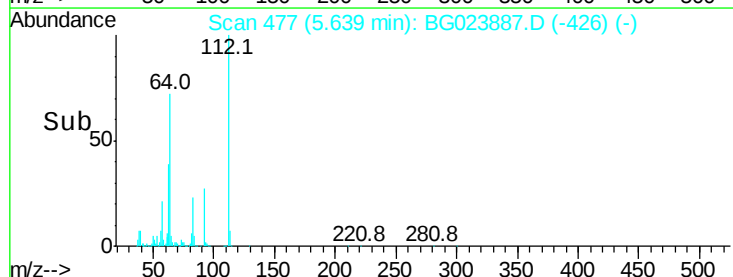
63 38.6 37.8 56.8

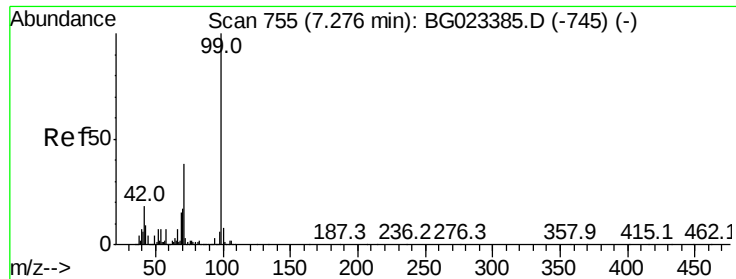


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 37.93 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG023887.D

Acq: 24 Aug 2016 16:51

Instrument :

BNA_G

ClientSampleId :

MW-3

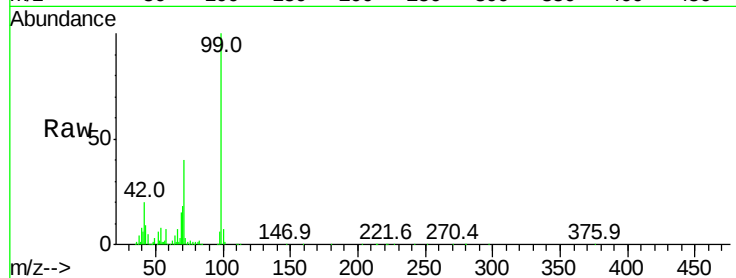
Tot Ion: 99 Resp: 470454

Ion Ratio Lower Upper

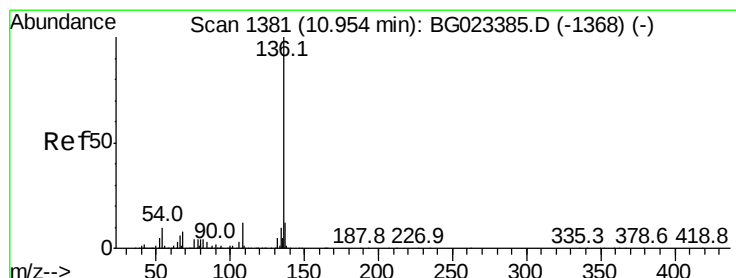
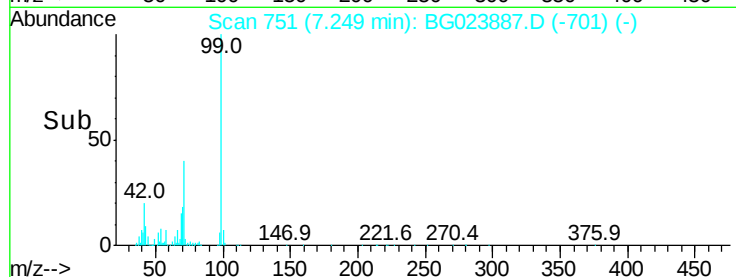
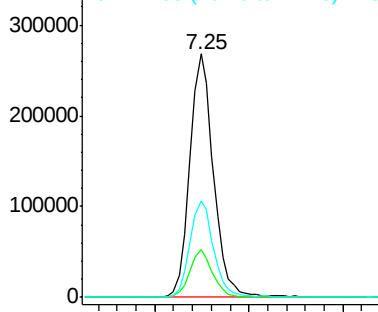
99 100

42 19.8 17.8 26.6

71 39.7 41.5 62.3#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BG023887.D

Acq: 24 Aug 2016 16:51

Tgt Ion: 136 Resp: 548165

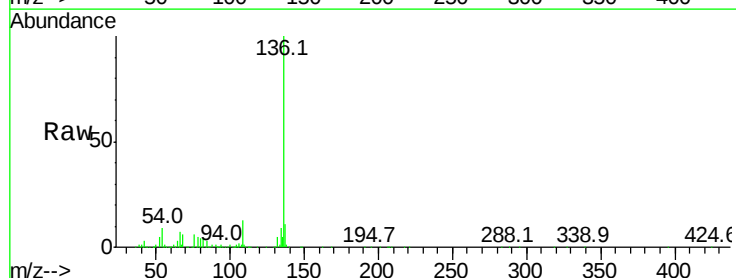
Ion Ratio Lower Upper

136 100

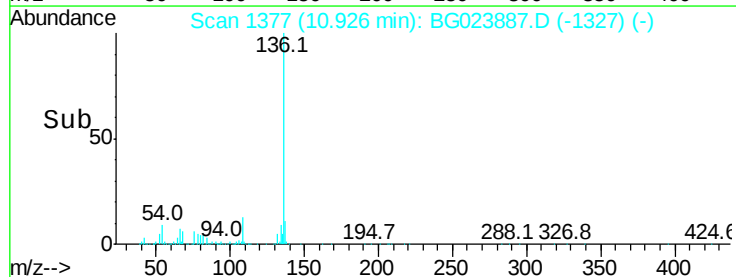
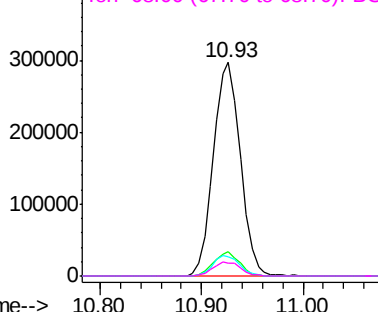
137 11.4 9.6 14.4

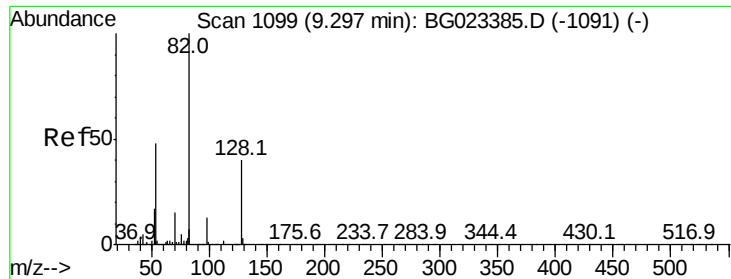
54 9.0 7.3 10.9

68 6.1 5.3 7.9



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

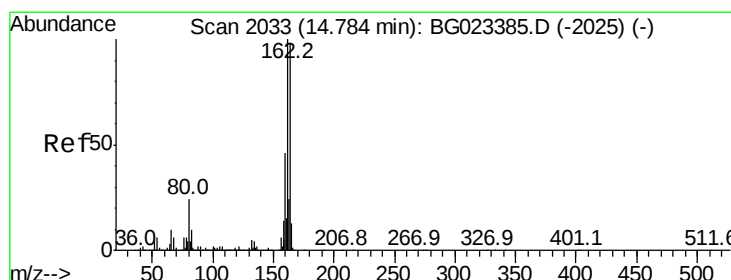
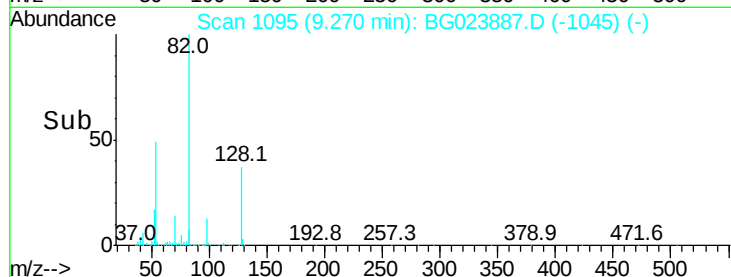
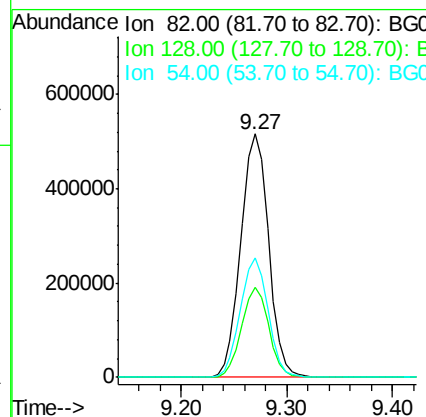
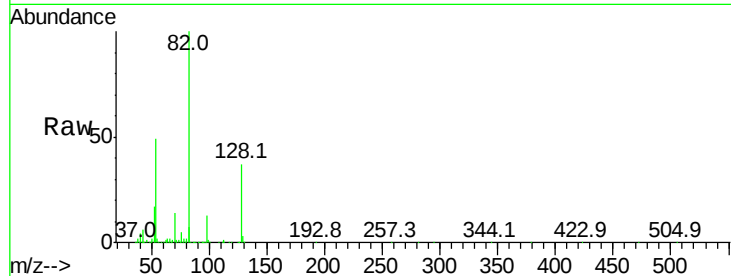




#23
 Nitrobenzene-d5
 Concen: 85.49 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BG023887.D
 Acq: 24 Aug 2016 16:51

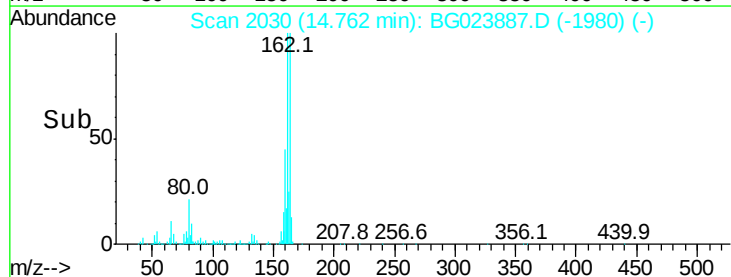
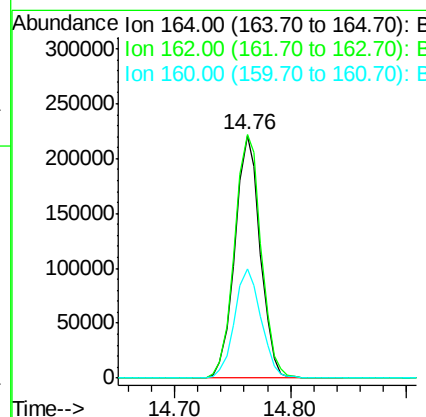
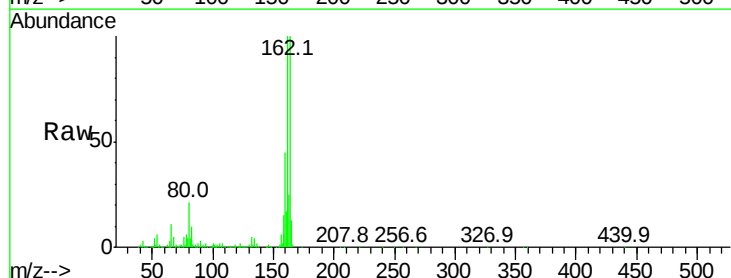
Instrument :
 BNA_G
 ClientSampleId :
 MW-3

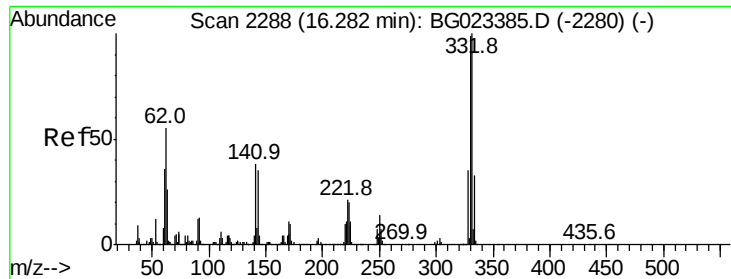
Tot Ion	82	Resp	942589
Ion Ratio	100	Lower	Upper
128	36.8	24.4	36.6#
54	49.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BG023887.D
 Acq: 24 Aug 2016 16:51

Tgt Ion	164	Resp	334903
Ion Ratio	100	Lower	Upper
162	100.5	87.7	131.5
160	45.3	37.2	55.8

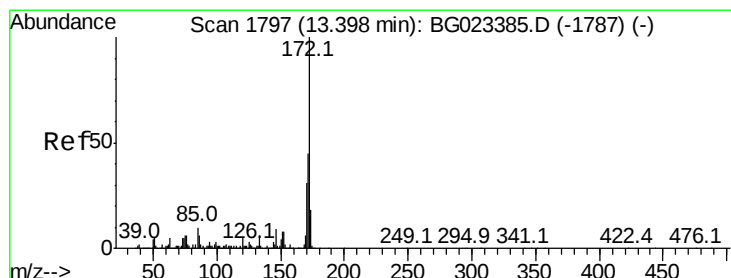
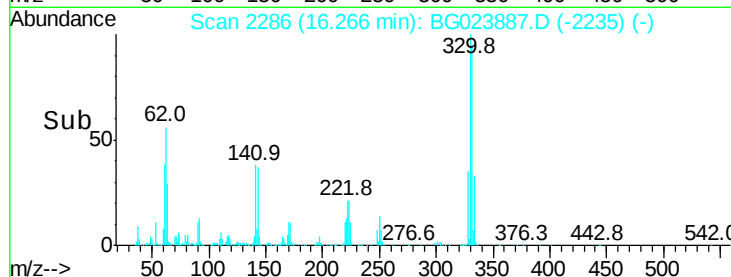
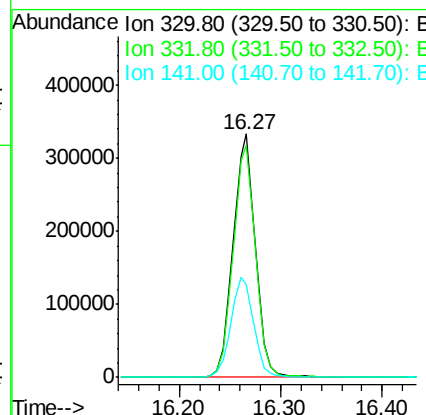
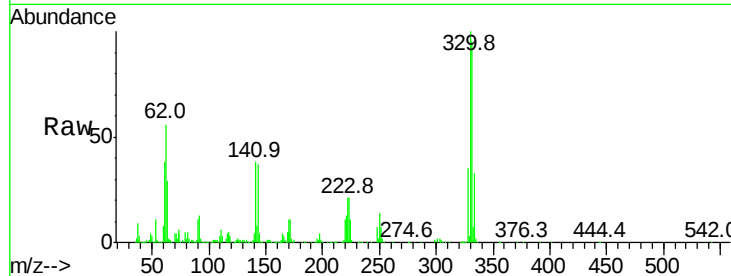




#41
 2,4,6-Tribromophenol
 Concen: 103.70 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. 0.00 min
 Lab File: BG023887.D
 Acq: 24 Aug 2016 16:51

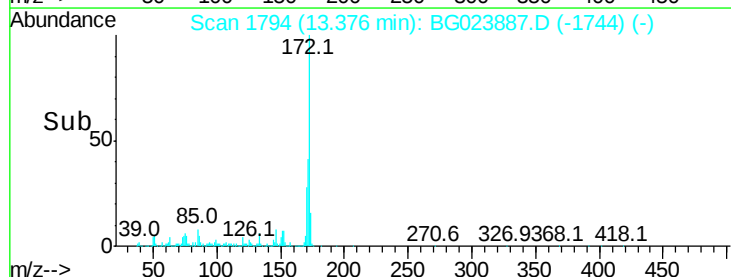
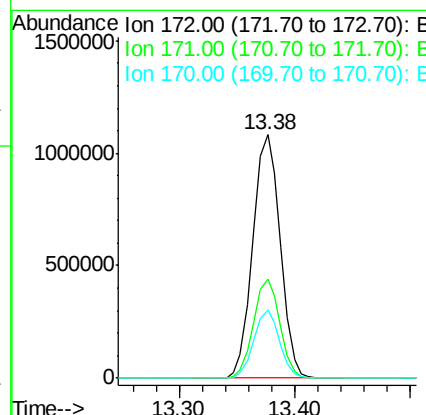
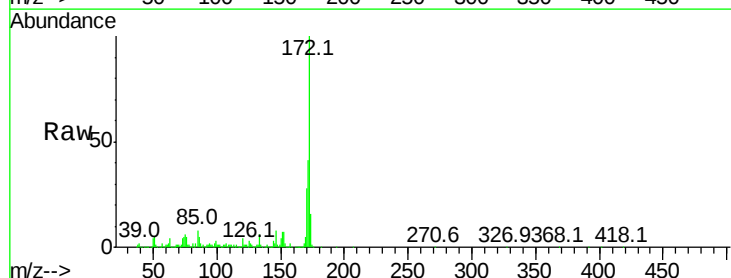
Instrument :
 BNA_G
 ClientSampleId :
 MW-3

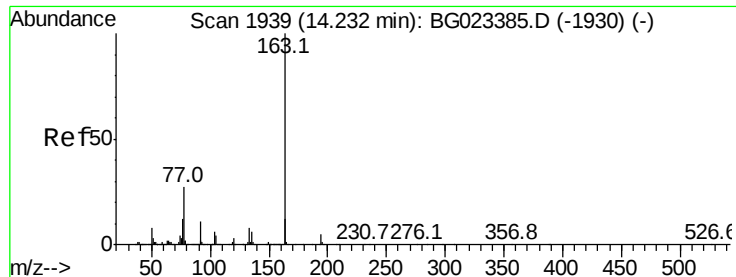
Tot Ion:330 Resp: 507990
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 41.9 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 90.13 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG023887.D
 Acq: 24 Aug 2016 16:51

Tgt Ion:172 Resp: 1789632
 Ion Ratio Lower Upper
 172 100
 171 40.6 31.6 47.4
 170 27.8 21.3 31.9





#49

Dimethylphthalate

Concen: 12.63 ng

RT: 14.20 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG023887.D

Acq: 24 Aug 2016 16:51

Instrument :

BNA_G

ClientSampleId :

MW-3

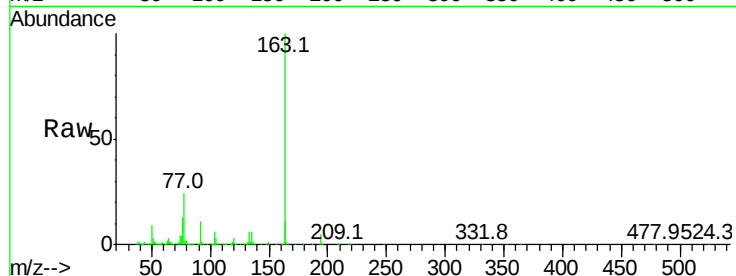
Tot Ion:163 Resp: 324501

Ion Ratio Lower Upper

163 100

194 5.0 3.6 5.4

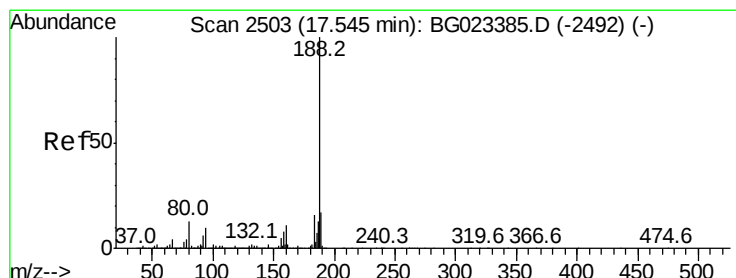
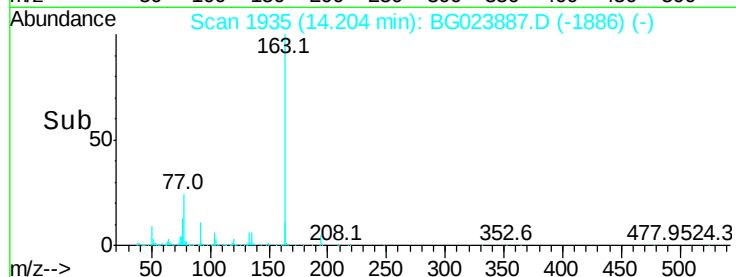
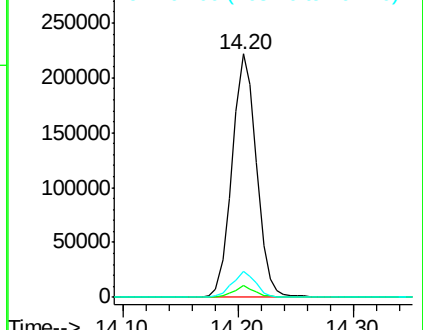
164 10.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.53 min Scan# 2501

Delta R.T. 0.00 min

Lab File: BG023887.D

Acq: 24 Aug 2016 16:51

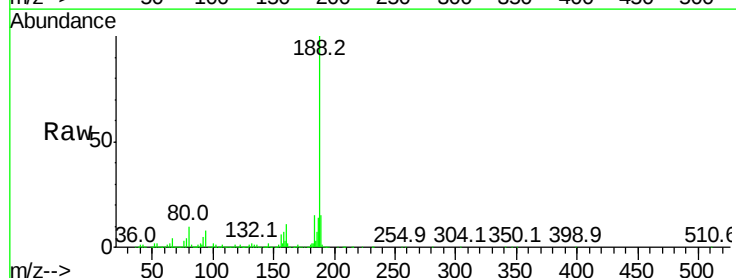
Tgt Ion:188 Resp: 729611

Ion Ratio Lower Upper

188 100

94 7.9 5.2 7.8#

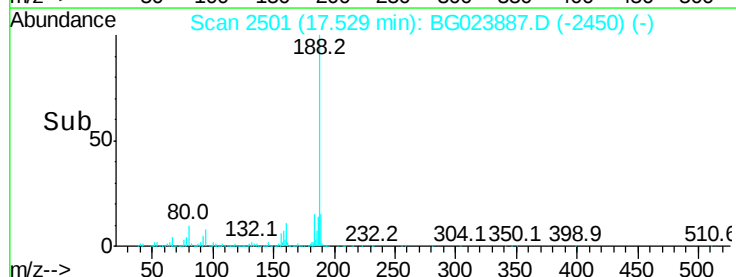
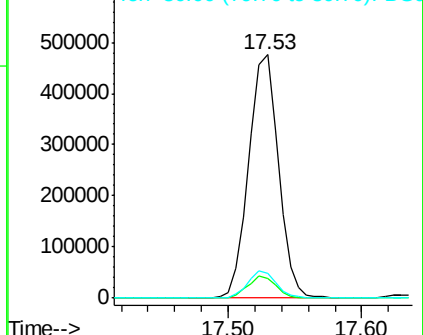
80 10.2 7.2 10.8

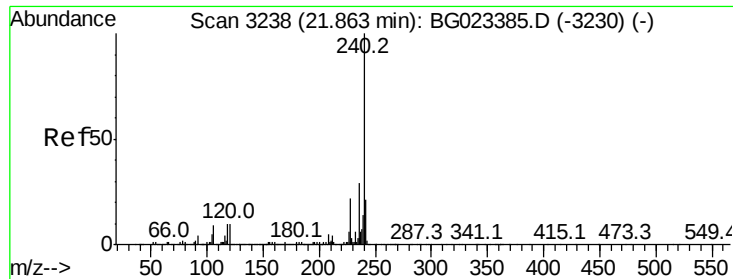


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.01 min

Lab File: BG023887.D

Acq: 24 Aug 2016 16:51

Instrument :

BNA_G

ClientSampleId :

MW-3

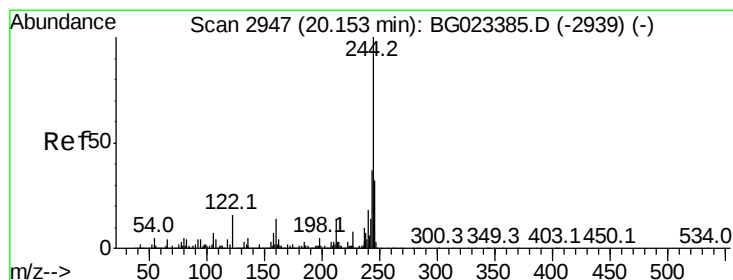
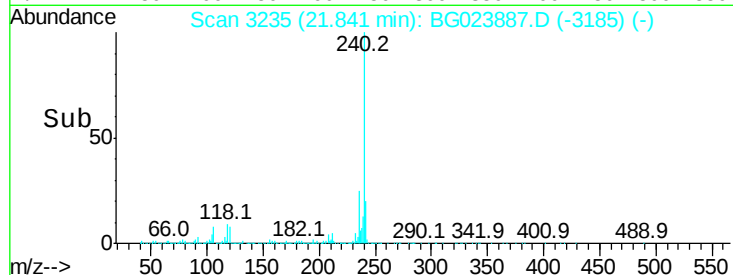
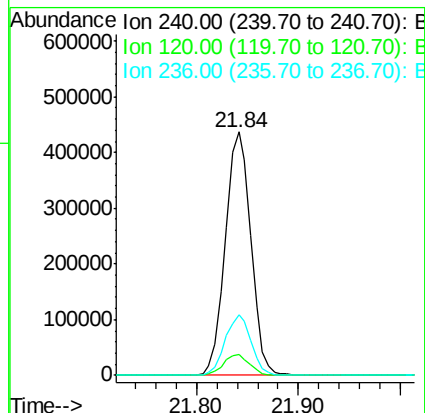
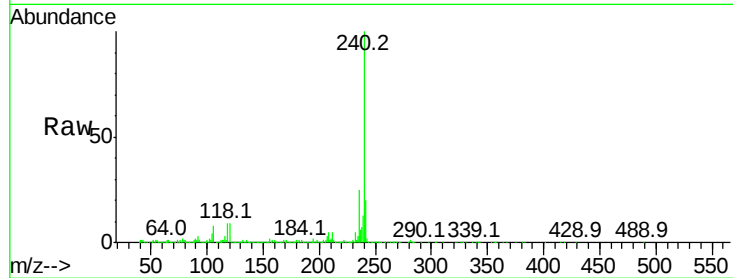
Tot Ion:240 Resp: 761532

Ion Ratio Lower Upper

240 100

120 8.5 4.1 6.1#

236 24.7 21.1 31.7



#78

Terphenyl-d14

Concen: 88.59 ng

RT: 20.14 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BG023887.D

Acq: 24 Aug 2016 16:51

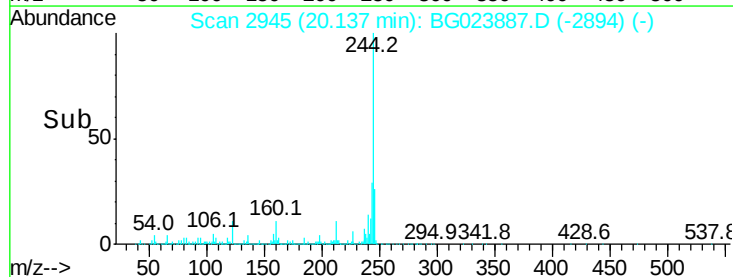
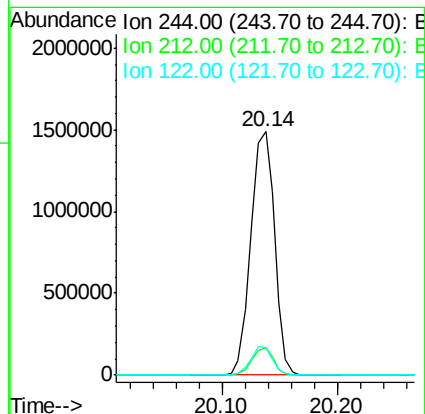
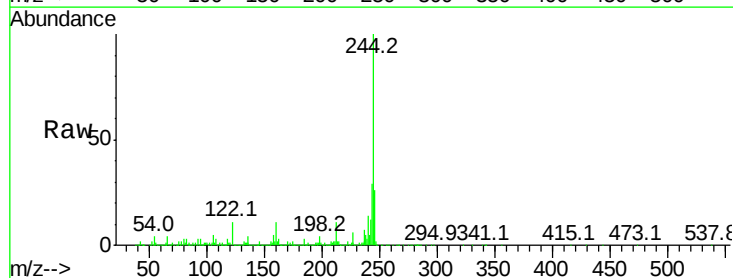
Tgt Ion:244 Resp: 2136142

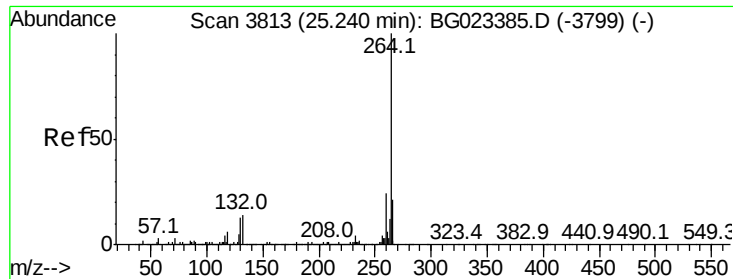
Ion Ratio Lower Upper

244 100

212 11.5 10.8 16.2

122 11.1 8.0 12.0

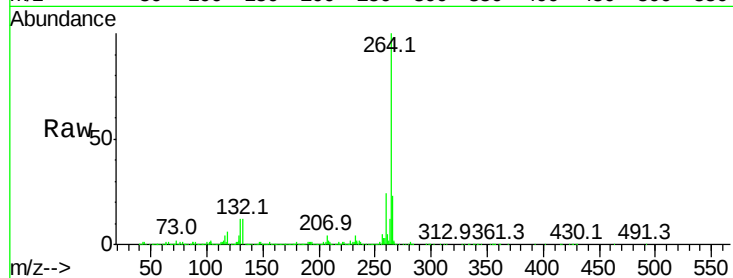




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3810
Delta R.T. -0.01 min
Lab File: BG023887.D
Acq: 24 Aug 2016 16:51

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	22.6	18.9	28.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

